

I23574.A03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mitsuhiro KASAHARA et al.

Group Art Unit : 2673

Appl. No. : 10/727,331

Examiner : Not Yet Assigned

Filed : December 4, 2003

Confirmation No. : 5958

Patent No. : 6,441,803



For : DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,  
Applicants hereby submit the following documents that were cited during the prosecution of  
patent family members of the original patent of the present reissue application:

The following are the related patent family members of the original patent of the present  
reissue application:

- (1) U.S. Patent No. 6,414,660 to KASAHARA et al., which issued on July 2, 2002;
  - (2) U.S. Patent No. 6,492,965 to KASAHARA et al., which issued on December 10, 2002;
- and
- (3) U.S. Patent No. 6,509,884 to KASAHARA et al., which issued on January 21, 2003;

The following documents were cited during the prosecution of U.S. Patent Application  
No. 09/994,794 that issued as U.S. Patent No. 6,441,803; U.S. Patent Application No.

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09/856,161 that issued as U.S. Patent No. 6,441,660; and U.S. Patent Application No.

09/994,771 that issued as U.S. Patent No. 6,509,884:

- (4) U.S. Patent No. 5,748,171 to ISHIZAKI et al., which issued on May 5, 1998;
- (5) U.S. Patent No. 6,023,130 to SAKASEGAWA et al., which issued on February 8, 2000;
- (6) U.S. Patent No. 6,133,682 to MURAI et al., which issued on October 17, 2000;
- (7) U.S. Patent No. 6,191,505 to MATSUYAMA, which issued on February 20, 2001;
- (8) U.S. Patent No. 6,270,061 to BOUQUET et al., which issued on August 7, 2001;
- (9) U.S. Patent No. 6,288,495 to YASHIRO, which issued on September 11, 2001;
- (10) U.S. Patent No. 6,313,821 to MIZUNO, which issued on November 6, 2001;
- (11) U.S. Patent No. 6,320,568 to ZAVRACKY, which issued on November 20, 2001;
- (12) U.S. Patent No. 6,331,843 to KASAHARA et al., which issued on December 18, 2001;
- (13) Japanese Laid-Open Patent Publication No. HEI 6-282241, which was published on October 7, 1994, together with an English language Abstract of the same;
- (14) Japanese Laid-Open Patent Publication No. HEI 9-6283, which was published on January 10, 1997, together with an English language Abstract of the same;
- (15) Japanese Laid-Open Patent Publication No. HEI 9-198005, which was published on July 31, 1997. Applicants note that this is a counterpart of U.S. Patent No. 6,191,505, cited above;
- (16) Japanese Laid-Open Patent Publication No. HEI 9-288467, which was published on November 4, 1997. Applicants note that this is a counterpart of U.S. Patent No. 6,191,505, cited above;

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- (17) Japanese Laid-Open Patent Publication No. HEI 10-215424, which was published on August 11, 1998, together with an English language Abstract of the same;
- (18) Japanese Laid-Open Patent Publication No. HEI 11-194745, which was published on July 21, 1999, together with an English language Abstract of the same;
- (19) Japanese Laid-Open Patent Publication No. HEI 11-212517, which was published on August 6, 1999, together with an English language Abstract of the same;
- (20) Japanese Laid-Open Patent Publication No. HEI 11-231828, which was published on August 27, 1999. Applicants note that this is the counterpart of U.S. Patent No. 6,509,884, cited above;
- (21) Japanese Laid-Open Patent Publication No. HEI 11-283228, which was published on October 15, 1999. Applicants note that this is a counterpart of U.S. Patent No. 6,492,965 (cited above) and U.S. Patent No. 6,441,803 (the parent of the above-captioned reissue application);
- (22) Japanese Laid-Open Patent Publication No. HEI 11-288244, which was published on October 19, 1999. Applicants note that this is a counterpart of U.S. Patent No. 6,270,061, cited above;
- (23) Japanese Laid-Open Patent Publication No. 2001-200087, which was published on July 24, 2001. Applicants note that this is a counterpart of U.S. Patent No. 6,414,660, cited above; and
- (24) An article entitled "A Heat Control Method for Plasma Display Panel," ITE '98: 1998 ITE Annual Convention, together with a partial English language translation of the same.

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Applicants also bring to the Examiner's attention documents (7), (8), and (13)-(24), which were cited during the prosecution of related U.S. Patent Application No. 09/994/775, which has issued as U.S. Patent No. 6,492,965.

An Office Action was mailed on April 17, 2003 by the European Patent Office with regard to European Patent Application No. 00 957 107, which is the counterpart of the original patent of the present reissue application, in which the European Patent Examiner cited the following documents:

- (25) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above); and
- (26) Japanese Laid-Open Patent Publication No. HEI 6-289812, which was published on February 28, 1995, together with an English language Abstract of the same.

Office Actions were issued by the European Patent Office with regard to European Patent Application No. 01 121 824, which was mailed on April 11, 2003; European Patent Application No. 01 121 826, which was mailed on April 14, 2003; and European Patent Application No. 01 121 829, which was mailed on April 11, 2003, which are all counterparts of the present reissue application, in which the following documents were cited:

- (27) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above); and
- (28) Japanese Laid-Open Patent Publication No. HEI 6-289812, (mentioned above).

Applicants also submit a copy of a European Search Report from the European Patent Office that issued in related European Patent Application No. EP 00 957 107, which was mailed on January 13, 2003, in which the following documents were cited:

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- (29) Japanese Laid-Open Patent Publication No. HEI 11-219152, which was published on August 10, 1999, together with a partial English language translation of the same;
- (30) U.S. Patent No. 5,757,343 to NAGAKUBO, which issued on May 26, 1998;
- (31) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above);
- (32) Japanese Laid-Open Patent Publication No. HEI 11-015387, which was published on January 22, 1999, together with an English language Abstract of the same; and
- (33) Japanese Laid-Open Patent Publication No. HEI 11-288244 (mentioned above).

Applicants also submit a copy of a European Search Report from the European Patent Office that issued in related European Patent Application No. EP 01 121 824, which was mailed on January 13, 2003, in which the following documents were cited:

- (34) Japanese Laid-Open Patent Publication No. HEI 11-219152 (mentioned above);
- (35) U.S. Patent No. 5,757,343 (mentioned above);
- (36) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above);
- (37) Japanese Laid-Open Patent Publication No. HEI 11-015387 (mentioned above); and
- (38) Japanese Laid-Open Patent Publication No. HEI 11-288244 (mentioned above).

Applicants also submit a copy of a European Search Report from the European Patent Office that issued in related European Patent Application No. EP 01 121 826, which was mailed on January 13, 2003, in which the following documents were cited:

- (39) U.S. Patent No. 5,757,343 (mentioned above);
- (40) Japanese Laid-Open Patent Publication No. HEI 11-015387 (mentioned above); and
- (41) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above).

Applicants also submit a copy of a European Search Report from the European Patent Office that issued in related European Patent Application No. EP 01 121 829, which was mailed on January 13, 2003, in which the following documents were cited:

- (42) Japanese Laid-Open Patent Publication No. HEI 11-219152 (mentioned above);
- (43) U.S. Patent No. 5,757,343 (mentioned above);
- (44) Japanese Laid-Open Patent Publication No. HEI 11-231828 (mentioned above);
- (45) Japanese Laid-Open Patent Publication No. HEI 11-015387 (mentioned above); and
- (46) Japanese Laid-Open Patent Publication No. HEI 11-288244 (mentioned above).

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the European Examiner applying European rules to the European claims, are set forth in the European Search report.

Applicant also brings to the Examiner's attention the following co-pending, commonly assigned reissue applications:

- (47) U.S. Patent Application No. 10/727,326 to KASAHARA, entitled "Display Device and Luminance Control Method Therefor," which was filed on December 4, 2003, which is a reissue application for U.S. Patent No. 6,414,660;
- (48) U.S. Patent Application No. 10/727,330 to KASAHARA, entitled "Display Device and Luminance Control Method Therefor," which was filed on December 4, 2003, which is a reissue application for U.S. Patent No. 6,492,965; and

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(49) U.S. Patent Application No. 10/727,329 to KASAHARA, entitled "Display Device and Luminance Control Method Therefor," which was filed on December 4, 2003, which is a reissue application for U.S. Patent No. 6,509,884.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(i), copies of the U.S. patents are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicant respectfully requests that the Examiner consider the above materials and cite the patent documents. Copies of the following documents are being provided: (13)-(24), (26), (29), (32), and the claims of (47)-(49). With respect to items (47-49), Applicants note that the specification of each reissue application corresponds to the specification of each issued patent. Thus, only the claims of these documents are provided. The remaining documents are either duplicative or are U.S. patents, and thus, copies thereof are not provided. All of the documents have been listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to the Applicant with the next official communication in the present application to confirm consideration of these documents.

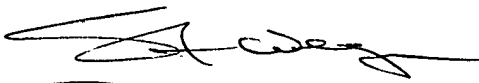
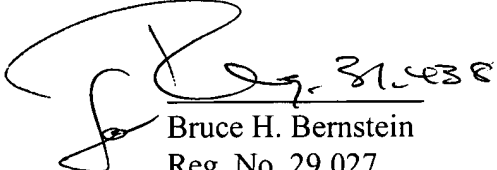
Applicants note that an Office Action on the merits has not issued in the instant reissue application, and thus no fee is believed necessary to ensure consideration of the submitted materials. However, if an Office Action on the merits has issued, and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary for

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the consideration of this statement, including any payment under 37 C.F.R. §1.18 (p), to the undersigned's Deposit Account No. 19-0089.

Should the Examiner have any further questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

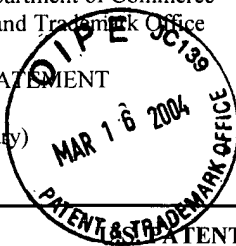
Respectfully submitted,  
Mitsuhiro KASAHARA et al.

  
  
Bruce H. Bernstein  
Reg. No. 29,027

March 11, 2004  
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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
I23574Serial No.  
10/727,331INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Mitsuhiro KASAHARA et al.Filing Date  
December 4, 2003Group  
2673

## PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 4 1 4 6 6 0	07/02/02	KASAHARA et al.			
	6 4 9 2 9 6 5	12/10/02	KASAHARA et al.			
	6 5 0 9 8 8 4	01/21/03	KASAHARA et al.			
	5 7 4 8 1 7 1	05/05/98	ISHIZAKI et al.			
	6 0 2 3 1 3 0	02/08/00	SAKASEGAWA et al.			
	6 1 3 3 6 8 2	10/17/00	MURAI et al.			
	6 1 9 1 5 0 5	02/20/01	MATSUYAMA			
	6 2 7 0 0 6 1	08/07/01	BOUQUET et al.			
	6 2 8 8 4 9 5	09/11/01	YASHIRO			
	6 3 1 3 8 2 1	11/06/01	MIZUNO			
	6 3 2 0 5 6 8	11/20/01	ZAVRACKY			
	6 3 3 1 8 4 3	12/18/01	KASAHARA et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
6 - 2 8 2 2 4 1	10/07/94	JAPAN			
9 - 6 2 8 3	01/10/97	JAPAN			
9 - 1 9 8 0 0 5	07/31/97	JAPAN			
9 - 2 8 8 4 6 7	11/04/97	JAPAN			
1 0 2 1 5 4 2 4	08/11/98	JAPAN			
1 1 1 9 4 7 4 5	07/21/99	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of JP 6-282241.
2	English Language Abstract of JP 9-6283.
3	English Language Abstract of JP 9-288467.
4	English Language Abstract of JP 10-215424.
5	English Language Abstract of JP 11-194745.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. I23574	Serial No. 10/727,331
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Mitsuhiro KASAHARA et al.	
		Filing Date December 4, 2003	Group 2673

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
	1	1	2	1	2	5	1	7		08/06/99	JAPAN				
	1	1	2	3	1	8	2	8		08/27/99	JAPAN				
	1	1	2	8	3	2	2	8		10/15/99	JAPAN				
	1	1	2	8	8	2	4	4		10/19/99	JAPAN				
200	1	-	2	0	0	0	8	7		07/24/01	JAPAN				
	6	-	2	8	9	8	1	2		02/28/95	JAPAN				
	1	1	2	1	9	1	5	2		08/10/99	JAPAN			X	
	1	1	-	1	5	3	8	7		01/22/99	JAPAN				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	6	English Language Abstract of JP 11-212517.
	7	An article entitled "A Heat Control Method for Plasma Display Panel," <u>ITE '98: 1998 ITE Annual Convention</u> , together with a
	/	partial English language translation of the same.
	8	English Language Abstract of JP 6-289812.
	9	English Language Abstract of JP 11-219152.
	1 0	English Language Abstract of JP 11-15387.

EXAMINER

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U.S. PATENT DOCUMENTS																															
EXAMINER INITIAL			DOCUMENT NUMBER										DATE		NAME								CLASS		SUBCLASS			FILING DATE IF APPROPRIATE			
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FOREIGN PATENT DOCUMENTS																															
			DOCUMENT NUMBER										DATE		COUNTRY								CLASS		SUBCLASS			TRANSLATION YES NO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																															
EXAMINER													DATE CONSIDERED																		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																															